

Converting Colors

Hex(086E5E)

Have a look what the booklet for
Hex(086E5E) contains.

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Color

Hex(086E5E)

Conversions

Conversions Part 1

Format	Color
Hex	086E5E
RGB	8, 110, 94
RGB Percent	3%, 43%, 37%
CMY	0.9686, 0.5686, 0.6314
CMYK	0.93, 0.00, 0.15, 0.57
HSL	171°, 86%, 23%
HSV	171°, 93%, 43%
XYZ	7.6965, 12.0116, 12.5025
YIQ	77.6780, -55.6560, -26.6000

Conversions

Conversions Part 2

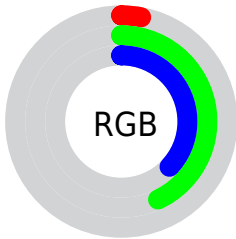
Format	Color
RYB	8, 63, 110
Decimal	552542
CIELab	41.23, -30.39, 1.47
CIELCh	41, 30.421, 177.229
Yxy	12.0116, 0.2389, 0.3729
Android (android.graphics.Color)	4278742622 (0xFF086E5E)
YUV	77.6780, 8.0467, -61.1076
Hunter-Lab	34.6578, -21.0117, 2.8721

Details

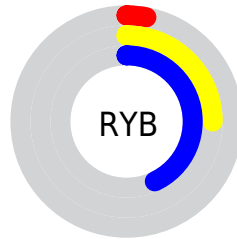
The Hex color **086E5E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6E0818**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **4DA290**, and **003D30** is the 20% darker color. If you saturate the color by 10%, you get **006E5D**, and if you desaturate by 10%, it is **136E60**.

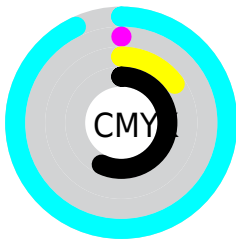
Distribution



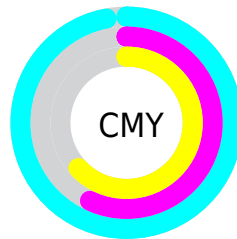
- Red (3%)
- Green (43%)
- Blue (37%)



- Red (3%)
- Yellow (25%)
- Blue (43%)



- Cyan (93%)
- Magenta (0%)
- Yellow (15%)
- Black (57%)




- Cyan (97%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 086E5E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 086E5E by changing the saturation by 10% instead.

 086E5E

 086E5E

FFFFFF

 005546

 4DA290

 003D30

 68BEAB

 00271B

 84DAC6

 000901

 A0F6E2

 000000

 BCFFFF

 D9FFFF

 F7FFFF

 086E5E

 086E5E

■ 006E5D

■ 136E60

■ 1E6E61

■ 296E63

■ 346E65

■ 3F6E67

■ 4A6E68

■ 556E6A

■ 606E6C

■ 6B6E6E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3B6C45



086E5E



006E77

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



086E5E



605C8E



865638

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



086E5E



6E0818

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



904F4C



086E5E



7E527D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



086E5E



336593



8E4D65



735F2E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



086E5E



006C85



8E4D65



8A533E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



086E5E



678F89



196E08



2F4744



C7C7C7



474747

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



086E5E



008F78



084C6E



323837



007865



00F7D1

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6E0818



8F0016



6E2A08



383233



780013



F70027

Previews

White Background



This preview shows how the Hex color 086E5E looks on a white background.

Color Contrast Check

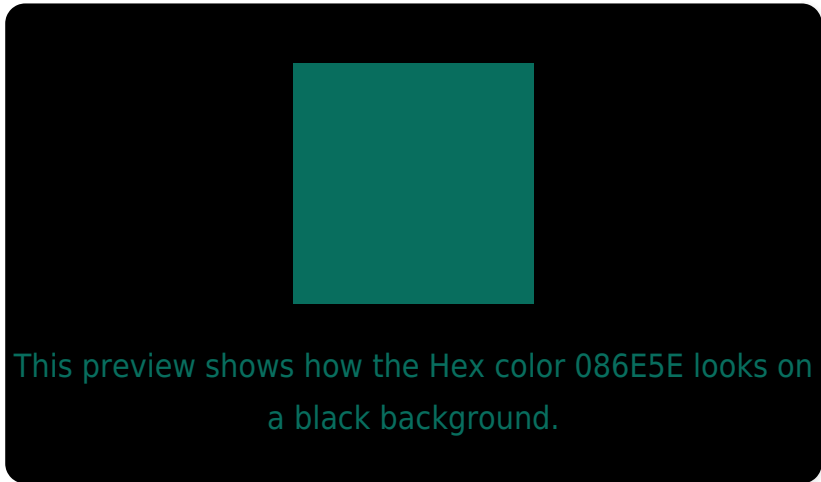
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

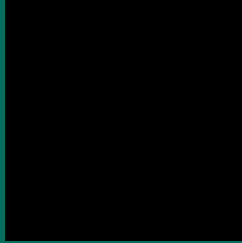
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 086E5E Background



This preview shows how black text looks on a background with the Hex color 086E5E.

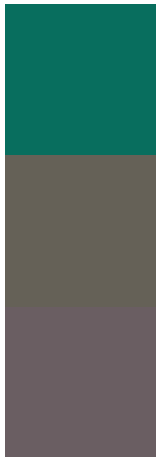


This preview shows how white text looks on a background with the Hex color 086E5E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
086E5E

Protanopia
656157

Deuteranopia
6A5E62



Tritanopia
1F6B74

Trichromacy



Original Color
086E5E

Protanomaly
43665A

Deuteranomaly
466461

Tritanomaly
176C6C

Monochromacy



Original Color
086E5E

Achromatopsia
4E4E4E

Achromatomaly
355A54

CSS Examples

Text

The CSS property to change the color of the text to Hex 086E5E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #086E5E looks like.

```
.text, #text, p{  
    color:#086E5E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #086E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #086E5E
}
```

Border

The CSS property to change the border of an element to Hex 086E5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#086E5E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#086E5E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #086E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #086E5E; -webkit-box-shadow:4px 4px  
4px 4px #086E5E; box-shadow:4px 4px 4px  
4px #086E5E }
```

Background

The CSS property to change the background color of an element to Hex 086E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#086E5E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#086E5E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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